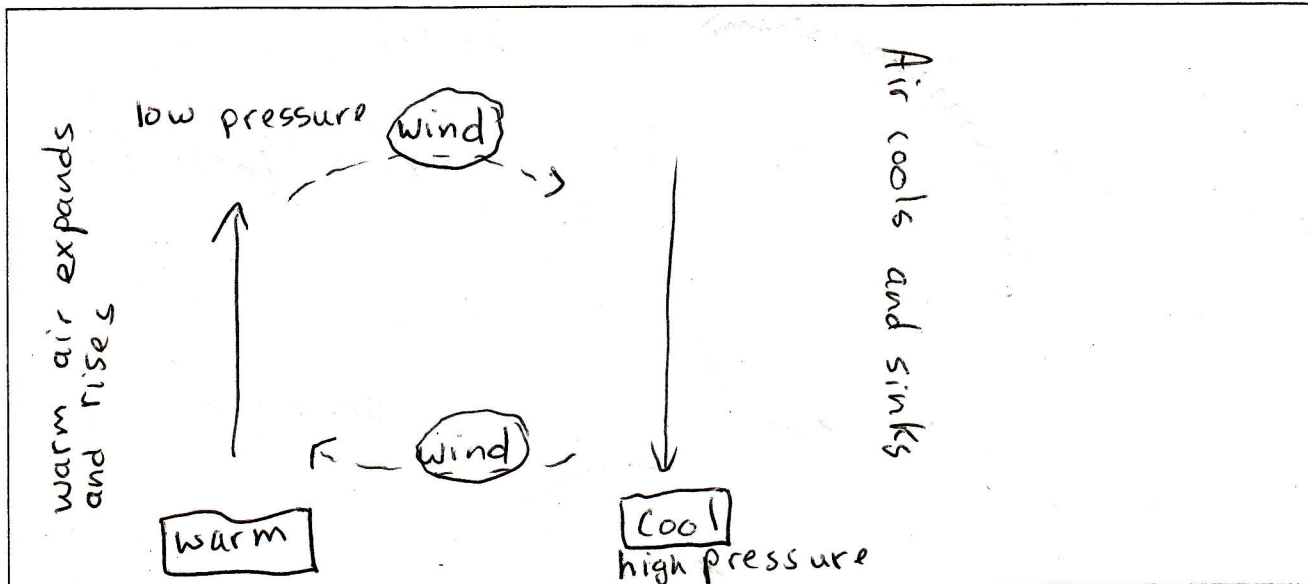


**CHAPTER 11**  
**REINFORCEMENT**
**Winds**
**BLM 11-20**
**Goal** • Use this page to reinforce your understanding of winds.

**What to Do**

- Draw a diagram to show your understanding of how wind currents are created in Earth's atmosphere. Figure 11.26 on page 370 of *SCIENCEPOWER*™ 8 may be useful as a reference. Then answer the questions that follow.


**Questions**

- What are the three factors that influence the direction of winds and surface currents?

① uneven heating of atmosphere    ③ continents  
 ② rotation of Earth

- What is the Coriolis effect?

The deflection (bending) of moving currents due to the rotation of the Earth.

- What are trade winds?

Push ocean currents to the West.



- What are westerly winds?

Drive currents from West to East.

